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IN THE CLAIMS

- 1. (Currently Amended) A thermally controlled apparatus for lining a processing chamber that defines a processing volume comprising:
 - a base for substantially covering a bottom of the chamber;
 - an inner wall connected to the base; and,
- a <u>substantially annular</u> passage <u>disposed</u> formed in the base, the inner wall or the base and the inner wall, the passage having an inlet and <u>an</u> outlet <u>adapted to circulate a fluid through the passage</u>, <u>wherein the passage is fluidly isolated from the processing volume</u>.
- 2. (Currently Amended) The apparatus of claim 1 further comprising an outer wall connected to <u>an outer edge of</u> the base <u>for extending upward against a wall of the chamber</u>.
- 3. (Original) The apparatus of claim 2 wherein the outer wall further comprises a pumping port.
- 4. (Original) The apparatus of claim 1 wherein the inner wall further comprises a magnet disposed in the inner wall.
- 5. (Original) The apparatus of claim 1 wherein the base is comprised of a material selected from the group of aluminum, ceramic and stainless steel.
- 6. (Original) The apparatus of claim 1 further comprising:
- a first and second boss projecting from the base, the first boss comprising a hole in fluid communication with the passage at the inlet, and the second boss comprising a hole in fluid communication with the passage at the outlet.
- 7. (Currently Amended) A thermally controlled apparatus for lining a processing chamber that defines a processing volume comprising:

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a center member;

- a flange circumscribing the center member;
- a cylindrical wall projecting <u>upward</u> from the center member inside of the flange; and
- a <u>substantially annular</u> passage <u>disposed</u> formed in the center member and having an inlet and an outlet <u>adapted to circulate a fluid therethrough</u>, wherein the passage is fluidly isolated from the processing volume.
- (Original) The apparatus of claim 7 further comprising:
 a lid disposed opposite the cylindrical wall, the lid and the wall defining a plenum at least partially therebetween.
- 9. (Original) The apparatus of claim 8 wherein the center member further comprises:
- a plurality of nozzles disposed in the center member providing fluid access to the plenum.
- 10. (Original) The apparatus of claim 8 further comprising: a gas feedthrough fluidly coupled to the plenum through a hole disposed in the lid.
- 11. (Currently Amended) A thermally controlled apparatus for lining a processing region defined at least partially by sidewalls and a bottom of a processing chamber, comprising:
- a liner adapted to be removably disposed in the processing region and having a base for substantially covering the bottom of the processing chamber; and
- a passage disposed formed at least partially in the liner base and adapted to fluidly isolate a heat transfer fluid flowing therethrough from the process volume processing region, the passage being fluidly isolated from the processing region.

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12. (Currently Amended) The apparatus of claim 11, wherein the liner comprises:

a base adapted to be disposed adjacent the bottom of the chamber, at least a portion of the passage is defined between the base and the bottom of the chamber.

13. (Currently Amended) The apparatus of claim 42 11, wherein the liner further comprises:

a first boss and a second boss projecting from the base, the first boss comprising a hole in fluid communication with the passage at an inlet of the passage, and the second boss comprising a hole in fluid communication with the passage at an outlet of the passage.

- 14. (Original) The apparatus of clam 12, wherein the passage is a channel formed in a surface of the base and is adapted to be enclosed by the bottom of the chamber.
- 15. (Original) The apparatus of claim 11, wherein the liner comprises a cylindrical wall.
- 16. (Original) The apparatus of claim 15, wherein the passage is formed at least partially in the cylindrical wall.
- 17. (Original) The apparatus of claim 15, wherein the cylindrical wall comprises a lip extending into the process volume.
- 18. (Original) The apparatus of claim 15, wherein the cylindrical wall comprises a magnet disposed therein.

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- 19. (Original) The apparatus of claim 15, wherein the cylindrical wall comprises:
 - a lip extending to the process volume; and a magnet disposed therein.
- 20. (Original) The apparatus of claim 15, wherein the cylindrical wall is configured to line the sidewalls of the chamber.
- 21. (Original) The apparatus of claim 15, wherein the cylindrical wall is configured to line a substrate support disposed in the process volume of the chamber.
- 22. (Currently Amended) The apparatus of claim 11, wherein the liner further comprises:

an outer cylindrical wall connected to an outer edge of the base for extending into the processing region along the sidewalls;

an inner cylindrical wall connected to an inner edge of the base for extending into the processing region along a substrate support; and

- a bottom coupled between the outer cylindrical wall and the inner cylindrical wall.
- 23. (Original) The apparatus of claim 11, wherein the liner is comprised of a material selected from the group of aluminum, ceramic and stainless steel.
- 24. (Original) The apparatus of claim 11, wherein the liner comprises: a textured interior surface adapted to be exposed to the interior volume.
- 25. (Currently Amended) A thermally controlled apparatus for lining a processing region defined at least partially by sidewalls and a bottom of a processing chamber, comprising:

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an annular base having a perimeter, for substantially covering the bottom of the processing chamber;

a first cylindrical wall extending from the perimeter of the base; and

a <u>substantially annular</u> passage <u>disposed</u> at least partially in the base.

- 26. (Original) The apparatus of claim 25, wherein the passage is adapted to isolate a heat transfer fluid flowing therethrough from the process volume.
- 27. (Original) The apparatus of claim 25, wherein the base further comprises: a first boss and a second boss projecting from the base, the first boss comprising a hole in fluid communication with the passage at an inlet of the passage, and the second boss comprising a hole in fluid communication with the passage at an outlet of the passage.
- 28. (Original) The apparatus of clam 25, wherein the passage is a channel formed in a surface of the base and is adapted to be enclosed by the bottom of the chamber.
- 29. (Original) The apparatus of claim 25, wherein the first cylindrical wall comprises a lip extending radially inwards in a spaced-apart relation to the base.
- 30. (Currently Amended) The apparatus of claim 25 further comprising a second cylindrical wall coupled to an inner portion of the base.
- 31. (Original) The apparatus of claim 25, wherein the base and first cylindrical wall are comprised of a material selected from the group of aluminum, ceramic and stainless steel.
- 32. (Original) The apparatus of claim 25, wherein the first cylindrical wall comprises a textured inner surface.

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33. (Currently Amended) A thermally controlled apparatus for lining a processing region defined at least partially by sidewalls and a bottom of a processing chamber, comprising:

an annular base for substantially covering the bottom of the chamber;

a first cylindrical wall coupled to an outer portion of the base <u>for extending</u> <u>into the processing region along the sidewalls of the chamber;</u>

a second cylindrical wall coupled to an inner portion of the base <u>for</u> <u>extending into the processing region along a substrate support positioned</u> <u>therein</u>; and,

a <u>substantially annular</u> passage <u>disposed</u> <u>formed</u> at least partially in the base, the passage being fluidly isolated from the processing region.

- 34. (Original) The apparatus of claim 33 further comprising at least one ridge extending between the first cylindrical wall and the second cylindrical wall in a spaced-apart relation to the base.
- 35. (Currently Amended) The apparatus of claim 33, wherein the \underline{a} passage is at least partially disposed in at least one of the first or second cylindrical walls.
- 36. (Currently Amended) A thermally controlled apparatus for lining a processing region at least partially defined by walls of a processing chamber, comprising:

a cylindrical wall adapted to line at least a portion of the walls of the processing chamber;

a center member coupled to one end of the cylindrical wall, for substantially covering a bottom of the chamber; and

a <u>substantially annular</u> passage at least partially <u>disposed formed</u> in the center member, the passage being fluidly isolated from the processing region.



37. (Currently Amended) A thermally controlled apparatus for lining a processing region at least partially defined by walls of a processing chamber, comprising:

a center member for substantially covering a bottom of the chamber, the center member having a first side adapted to be exposed to the processing region;

a cylindrical wall extending from the first side of the center member and adapted to line at least a portion of the walls of the processing chamber; and

a <u>substantially annular</u> passage at least partially <u>disposed formed</u> in the center member, the passage adapted to isolate a heat transfer fluid flowing therethrough from the processing volume.

- 38. (Original) The apparatus of claim 37 further comprising a lid disposed proximate the center member and defining a plenum at least partially therewith.
- 39. (Original) The apparatus of claim 38, wherein the center member further comprises a plurality of nozzles disposed in the center member providing fluid access between the plenum and a side of the center member opposite the lid.